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Canada. Public Works. Rep. 7

28

Government
Publications

(DEPARTMENT OF PUBLIC WORKS, CANADA.)

Report above
GEORGIAN BAY SHIP CANAL SURVEY...

1908

LIST OF PLATES ACCOMPANYING REPORT.

192

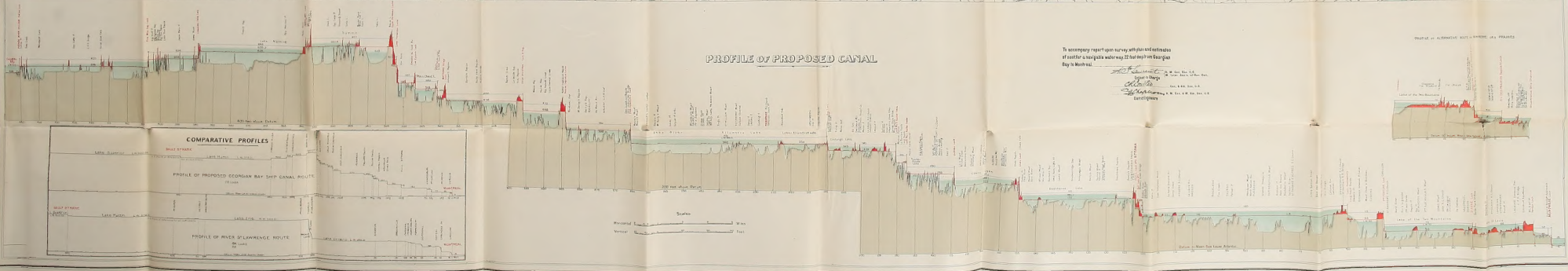
- PLATE No. 1—Index Map and General Profile.
2—Transportation Map.
3—Map of Ottawa River watershed.
4—Survey plan, mile 0 to mile 33.
4a—Survey plan, Rivière des Prairies.
5—Survey plan, mile 33 to mile 66.
6—Survey plan, mile 66 to mile 99.
7—Survey plan, mile 99 to mile 132.
8—Survey plan, mile 132 to mile 165.
9—Survey plan, mile 165 to mile 198.
9a—Survey plan (Calumet Channel—Culbute Channel).
10—Survey plan, mile 198 to mile 231.
11—Survey plan, mile 231 to mile 264.
12—Survey plan, mile 264 to mile 296.
13—Survey plan, mile 296 to mile 328.
14—Survey plan, mile 328 to mile 360.
15—Survey plan, mile 360 to mile 405.

17 in all

Department of Public Works, Canada.
MINISTER OF PUBLIC WORKS, CANADA.
OFFICE OF THE CHIEF ENGINEER, CANADA.
MAP
SHOWING THE
**ROUTE OF THE PROPOSED
GEORGIAN BAY SHIP CANAL**
THROUGH THE
MOUNTAIN TERRITORY
WITH
INDEX TO ORIGINAL PLANS OF SURVEYS
1907
Scale of Statute Miles
Compiled and drawn by L. Rydberg, C.E.



PROFILE OF PROPOSED CANAL



To accompany report upon survey with plan and estimates
of cost for a navigable waterway 22 feet deep on Georgian
Bay to Montreal.
By
L. Rydberg, C.E.
Chief Engineer, Canada.
1907

Profile of Alternative Route - Proposed by J. H. P. H. H. H.

- REFERENCES**
- Proposed Georgian Bay Ship Canal Route
 - Canals
 - Water Routes
 - Canadian Pacific Railway System
 - Grand Trunk
 - Canadian Northern
 - Intercolonial
 - Other Railways



TABLE OF DISTANCES IN STATUTE MILES OF WATER AND RAILWAY ROUTES

Canadian Lines						
Great Trunking Route Depot to Depot				Grand Trunk Railway Route Mile to Mile		
Distance to Depot Number	Distance to Depot Mile	Distance to Depot Mile	Total Distance	Distance to Mile	Distance to Mile	Total Distance

Public Works Canada
Georgian Bay Ship Canal
 MAP OF THE
OTTAWA RIVER WATERSHED
 SHOWING
 AREA DRAINED BY EACH TRIBUTARY

TOTAL AREA TO HEAD OF MONTREAL ISLAND 52,700 SQUARE MILES

TOTAL AREA TO MOUTH OF OTTAWA RIVER 50,000 SQUARE MILES

Alexander Mc Donnell, Hydraulic Engineer
 Sydney B. Johnson, Asst. Hydraulic Engineer

1908

Scale of Miles

NOTE: Lakes of which measurements have been made shown as
 Gauging Station
 Reservoir shown as proposed by Mr George J. Brephy C. E. in his report
 dated 17th May 1908, shown thus

In examples report appearing with plan of Montreal
 Island a complete survey of the Ottawa River
 by Montreal

1. (Lakes) Johnson
 2. (Lakes) Johnson
 3. (Lakes) Johnson
 4. (Lakes) Johnson

Approximate Discharge of the Ottawa River and its
 tributaries at High and Low Water

Approximate Discharge of the Ottawa River and its
 tributaries at High and Low Water

Approximate Discharge of the Ottawa River and its
 tributaries at High and Low Water

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 tributaries at High and Low Water

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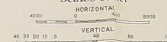


Public Works of Canada
Georgian Bay Ship Canal
 LAKE HURON TO MONTREAL
 22 Foot Channel Project
 MILE 33 TO 38
 1908

MILE 33 TO 38

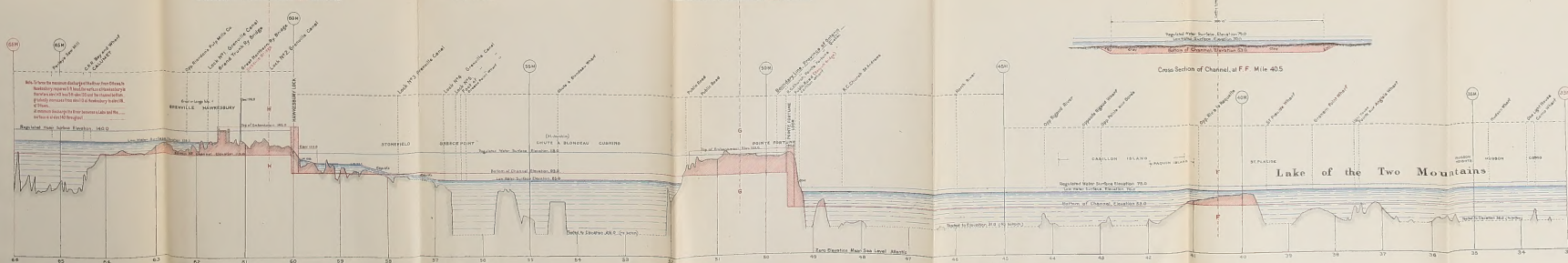
1908

Scales of feet



To accompany report upon surveys with plans and sections of canal for a navigable waterway 22 feet deep from Georgian Bay to Montreal.

A. D. LAMONT, Major, R.E.C.,
 Engineer-in-Chief.
 G. R. DODD, Major, R.E.C.,
 S. J. CLARKE, Captain, R.E.C.,
 Surveyors-General.



Public Works, Canada
Georgian Bay Ship Canal
 LAKE HURON TO MONTREAL
 22 Foot Channel Project

MILE 99 TO 132

1908

Scales of Feet



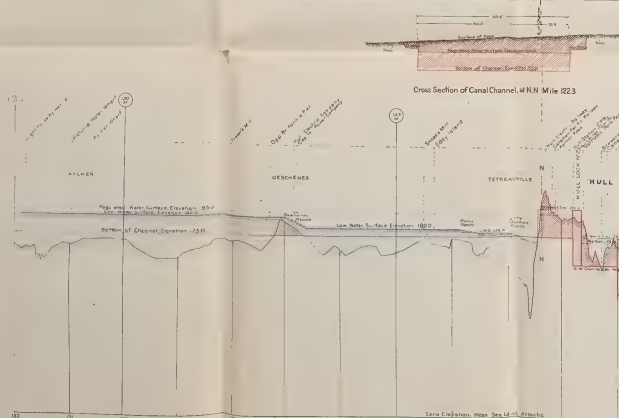
In automatic report given survey, with plan and schedule
 of work for a navigable waterway 52 feet deep from Georgian
 Bay to Montreal

A. St. Laurent, 1880-1885
 Engineer-in-Chief
 C. R. Corbett, 1885-1890
 E. J. Gosselin, 1890-1895
 Surveyors

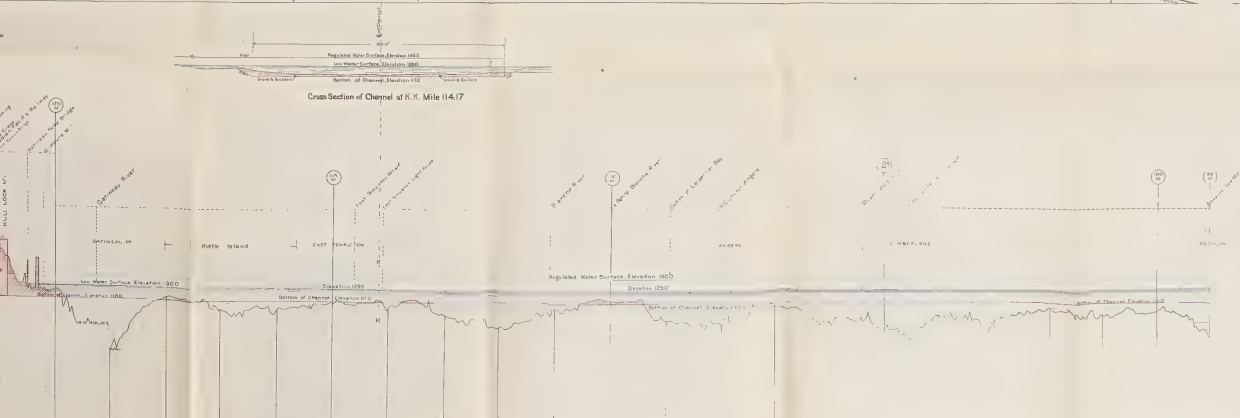


NOTE
 All measurements are in feet
 All distances are given in feet
 All measurements are given in feet
 All distances are given in feet
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 All distances are given in feet

Cross Section of Canal Channel at K.K. Mile 102.3



Cross Section of Channel at K.K. Mile 114.17





Public Works Canada

Public Works, Canada Georgian Bay Ship Canal

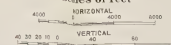
LAKE HURON TO MONTREAL

22 Foot Channel Project

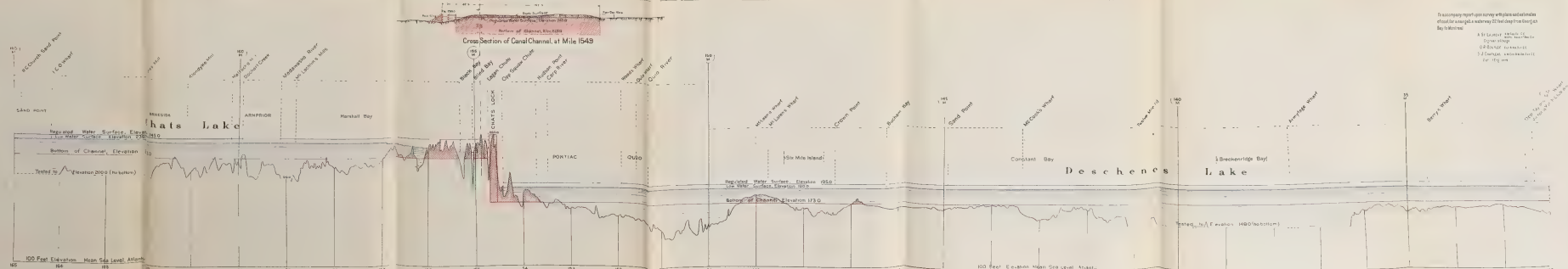
MILE 132 TO 165

1908

Scales of Feet



NOTE
 All measurements are in feet unless otherwise noted.
 All elevations are mean of left above mean of right above North end
 of runway from 1950. Max. Chamber built by Douglas Post W. F.
 (see 1971 535/1603 determination through cables on a 27-year
 launch to North Pacific).





Public Works, Canada
Georgian Bay Ship Canal
LAKE HURON TO MONTREAL
22 Foot Channel Project

MILE 165 TO 198
1908

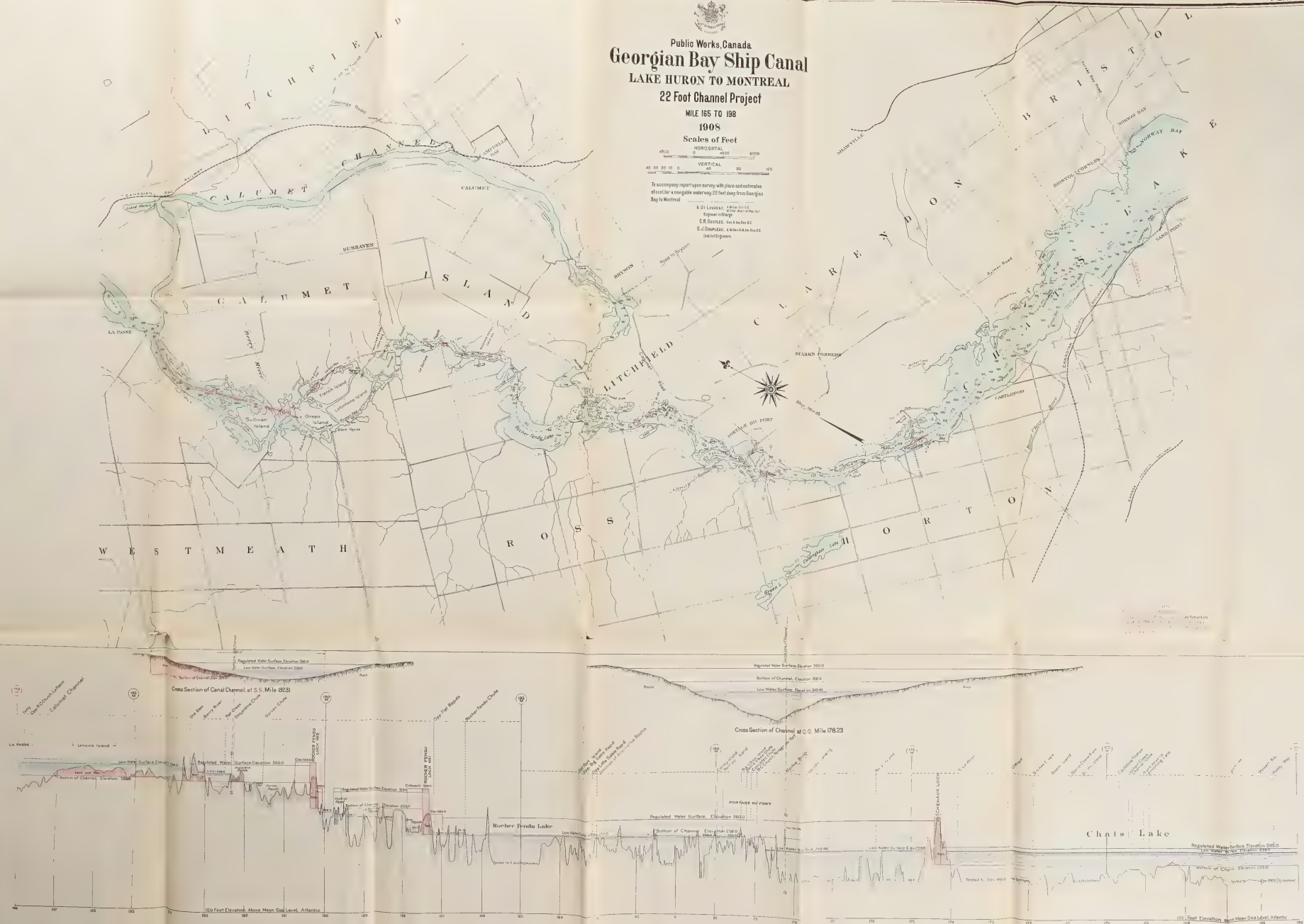
Scales of Feet

HORIZONTAL
0 4000

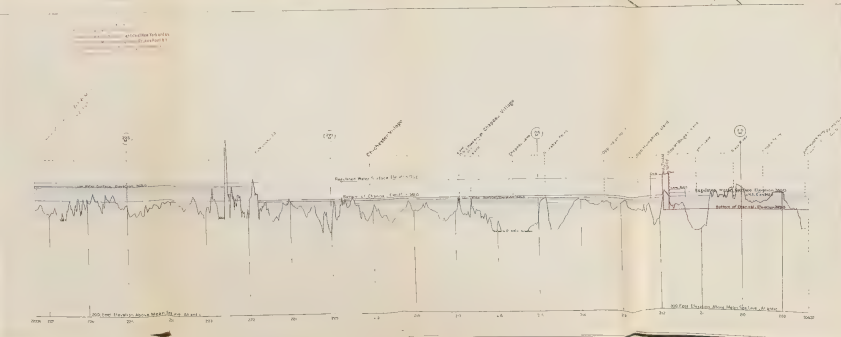
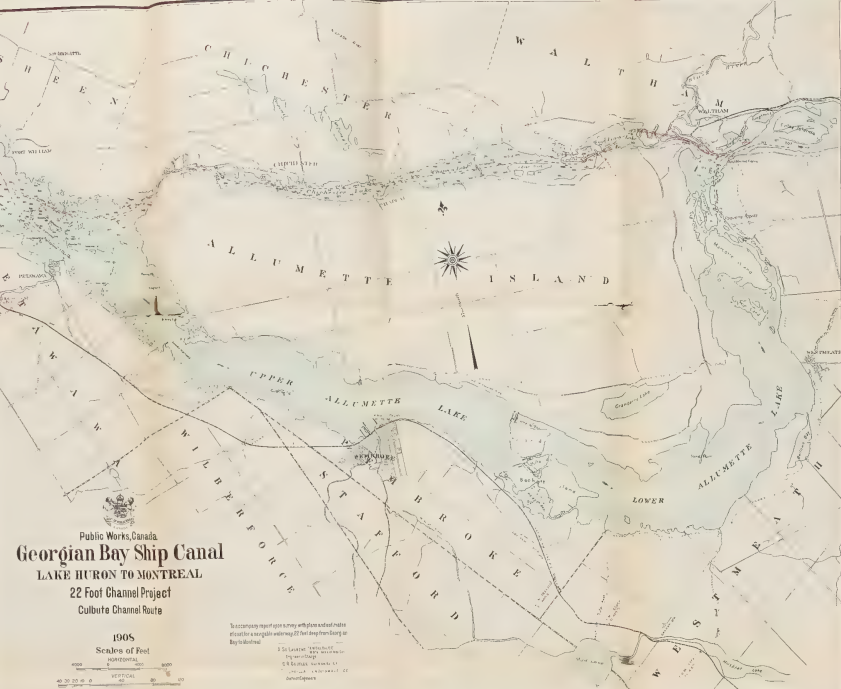
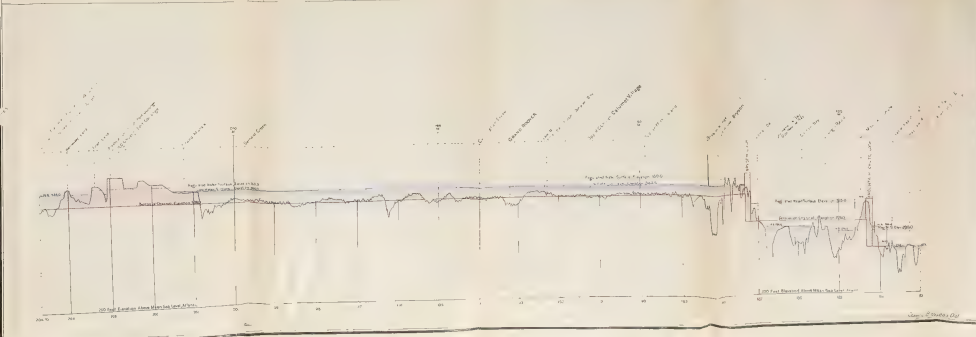
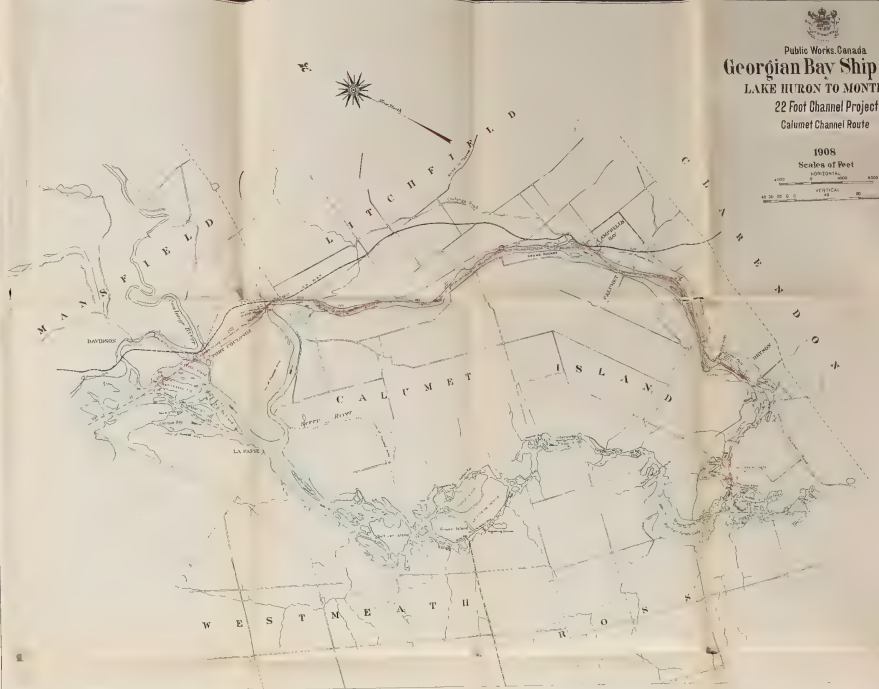


To accompany report open survey, with plans and estimates of cost for a navigable waterway, 22 feet deep from Georgian Bay to Montreal.

A. ST. LAURENT, A.M. Sec. G.E.
Mistral Area - at the Son
Engineer in Charge
G.R. DOUTLE, Sec. 5. Am. Soc. E.C.
S.J. CHAPLEAU, A.M. Sec. 5. Am. Soc. E.C.
District Engineer



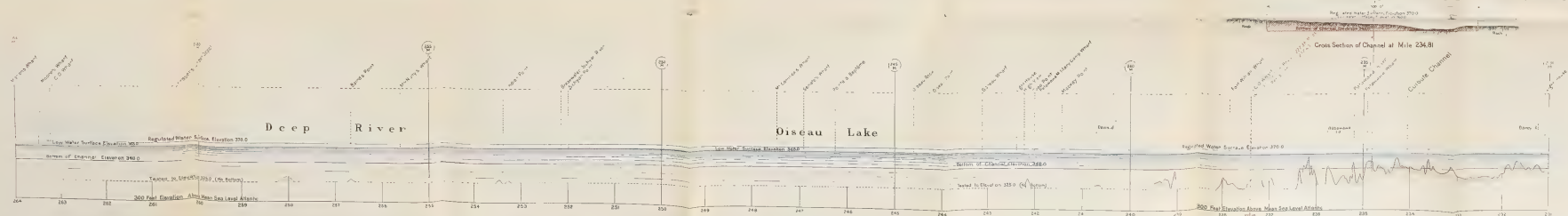
Public Works, Canada
Georgian Bay Ship Canal
LAKE HURON TO MONTREAL
22 Foot Channel Project
Calumet Channel Route



Public Works, Canada
Georgian Bay Ship Canal
LAKE HURON TO MONTREAL
22 Foot Channel Project
Calumet Channel Route



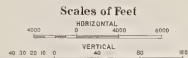
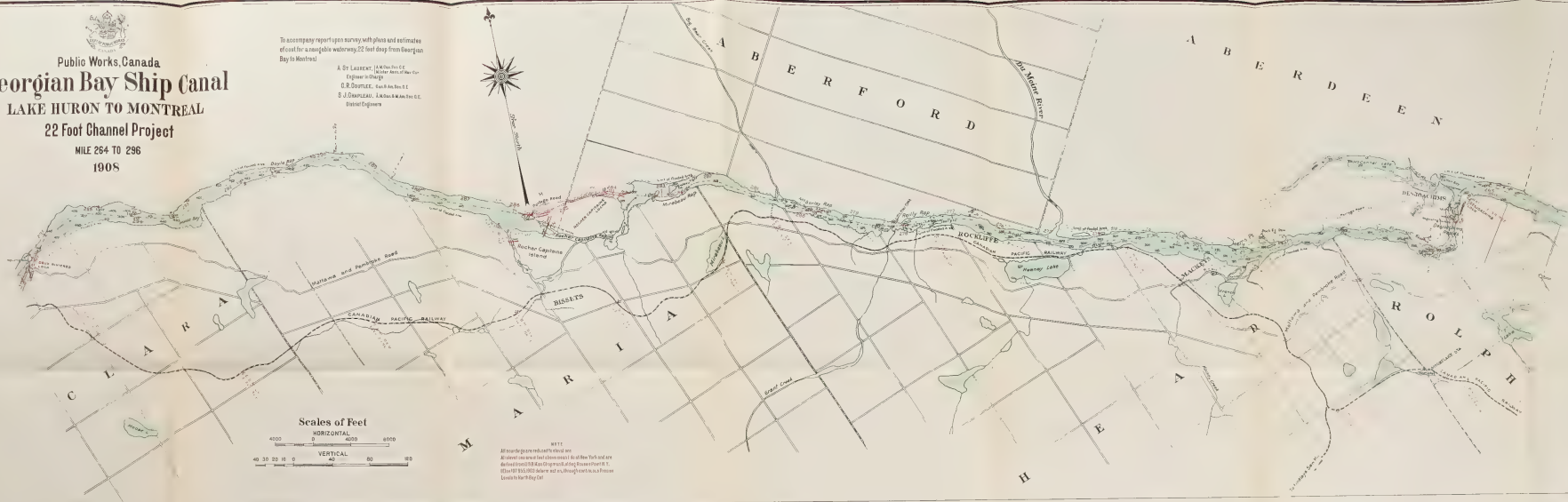
This is a preliminary report upon survey work which has been carried out in connection with the proposed canal route from Lake Huron to Lake Michigan by way of the Calumet River and Lake Michigan.



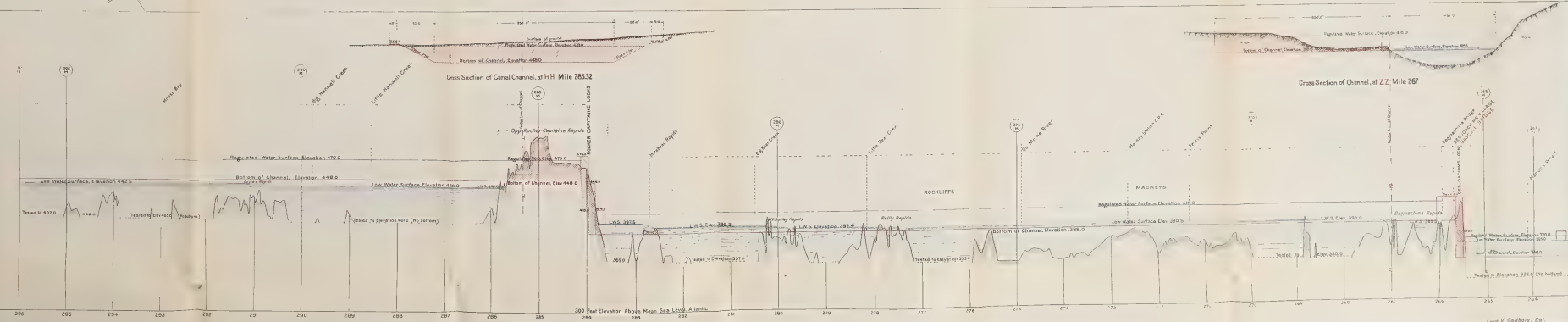
Public Works, Canada
Georgian Bay Ship Canal
 LAKE HURON TO MONTREAL
 22 Foot Channel Project
 MILE 264 TO 296
 1905

To accompany report upon survey with plans and estimates of cost for a navigable waterway 22 feet deep from Georgian Bay to Montreal

A. St. LAURENT, (A.S. 100) C.E.
 Chief Engineer
 O.R. DOWLING, (A.S. 100) C.E.
 S. J. DUNN, (A.S. 100) C.E.
 Assistant Engineers



NOTE:
 All measurements are taken from the base of the rock and are not subject to change in the future.
 The 100 feet level is shown as a dashed line in the plan view.



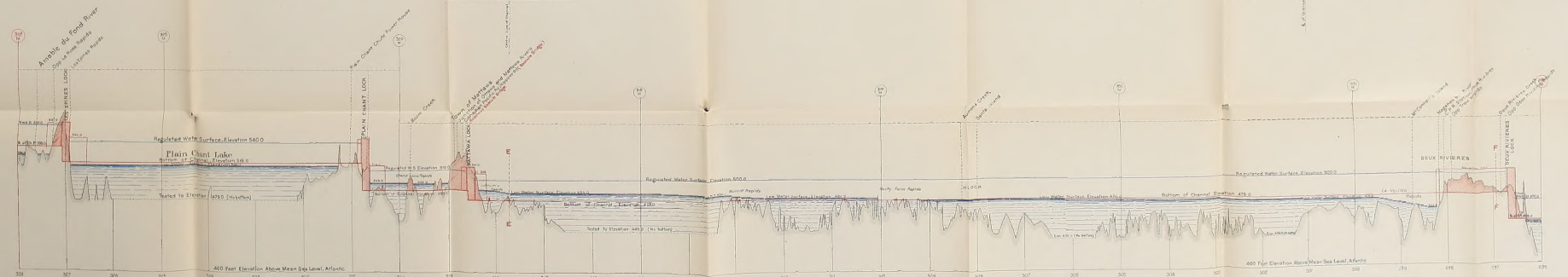
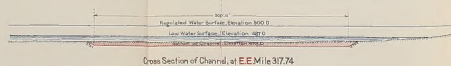
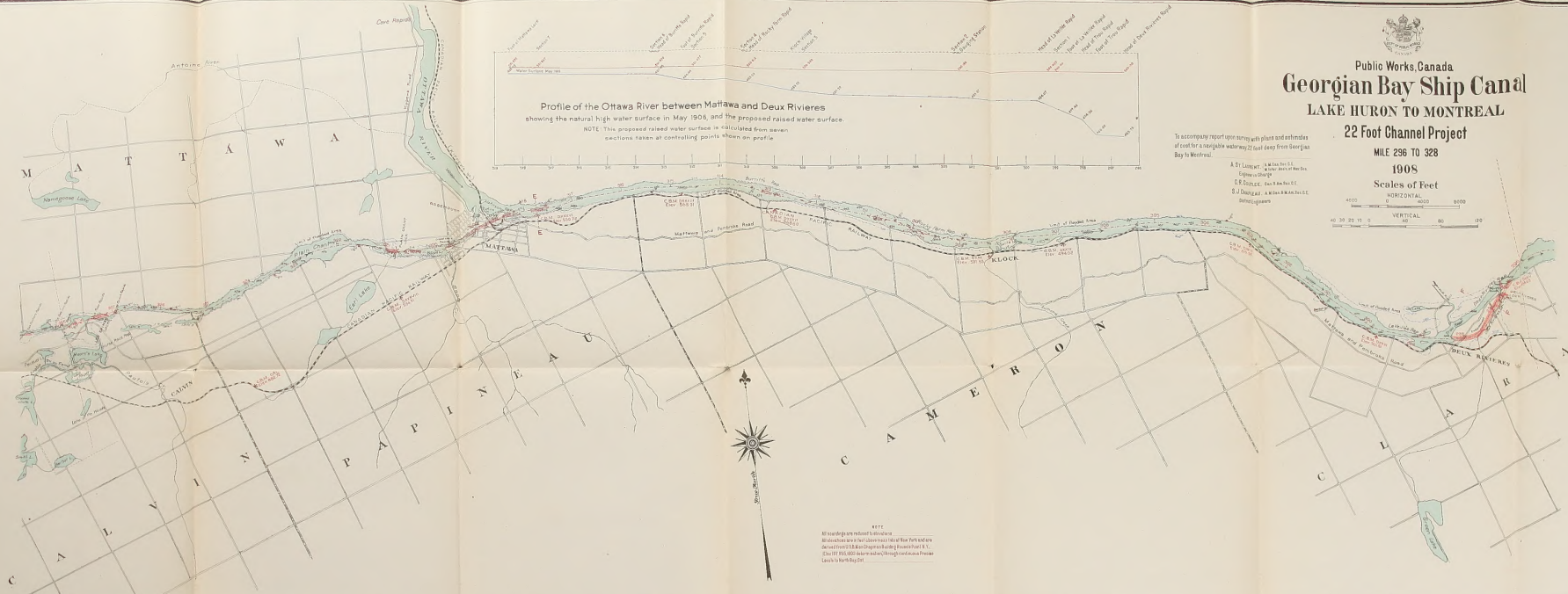
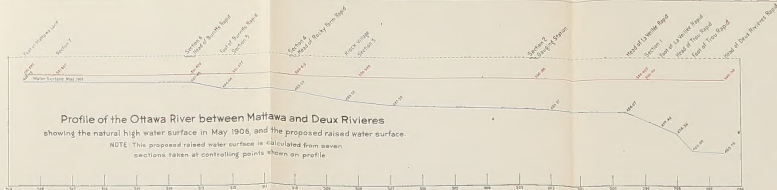
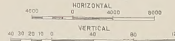


Georgian Bay Ship Canal
LAKE HURON TO MONTREAL
22 Foot Channel Project

MILE 296 TO 328

1908

Scales of Feet



Public Works Canada
Georgian Bay Ship Canal
 LAKE HURON TO MONTREAL
 22 foot Channel Project
 MILE 360 TO 405
 1908

Scale of Feet
 0 100 200 300 400 500
 0 100 200 300 400 500
 0 100 200 300 400 500

1. To indicate report of survey with plan and elevation of the proposed channel and of the existing channels of the Bay to Montreal.
 2. To indicate the location of the proposed channel.
 3. To indicate the location of the proposed channel.
 4. To indicate the location of the proposed channel.

